

Contribution Report

Name : S Sai Praneeth Reddy(Team member)

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❖ Specific tasks and responsibilities :

- **Web Application Development:**

- Led the development of a Parking Management System using Flask.
- Implemented frontend and backend functionalities for user interaction and data management.

- **Security and Firewall Protection:**

- Integrated robust security measures to safeguard against vulnerabilities.
- Implemented firewall protection for monitoring and controlling network traffic.

❖ Code sections written or major contribution to the project

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Web Application Development

- **Flask Backend Development:**

- Developed backend logic for routing, data processing, and storage.
- Designed responsive UI with Bootstrap and custom CSS for enhanced user experience.

- **Client-Side Interactivity:**

- Implemented JavaScript for dynamic content and form validation.

❖ **Any challenges faced and how they were overcome :**

- **Data Integration and Security Challenges:**

- Overcame data integration challenges with structured data handling.
- Addressed security concerns through regular updates and audits.

❖ **Collaboration with team members :**

- **Team Collaboration:**

- Collaborated effectively with team members to allocate tasks and ensure integration.